

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|--------------------------------------|
| S1 | 3035 | ((hafnium adj silicn adj oxynitride) or (HfON)) near (gate adj insulat\$)) 257/316 | US-PGPUB; USPAT | OR | OFF | 2005/07/21 13:15 2005/01/21 10:22 |
| S2 | 2056 | S1 and ((floating and control) adj (gate or electrode)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 10:23 |
| S3 | 34 | S2 and hafnium | US-PGPUB; USPAT | OR | OFF | 2005/01/21 11:03 |
| S4 | 1 | "5298447".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:37 |
| S5 | 1 | "5923056".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:38 |
| S6 | 1 | "6008091".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:38 |
| S7 | 1 | "6013558".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:40 |
| S8 | 1 | "6020243".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:40 |
| S9 | 1 | "6060755".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:41 |
| S10 | 1 | "6153904".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:41 |
| S11 | 1 | "6171910".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:41 |
| S12 | 1 | "6303454".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:41 |
| S13 | 1 | "6020238".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:45 |
| S14 | 1 | "6048766".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:47 |
| S15 | 1 | "6163049".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:49 |
| S16 | 1 | "6163050".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:53 |
| S17 | 1 | "6495878".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 10:54 |
| S18 | 1 | "6512264".PN. | USPAT; USOCR | OR | OFF | 2005/01/21 11:01 |
| S19 | 1 | "20010011743".PN. | US-PGPUB | OR | OFF | 2005/01/21 11:01 |
| S20 | 1 | S2 and hfon | US-PGPUB; USPAT | OR | OFF | 2005/01/21 11:04 |
| S21 | 7 | S2 and hafnium near nitrogen | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:43 |

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|-----|-----|--|----------------------------|----|-----|------------------|
| S22 | 2 | S2 and hafnium near nitride | US-PGPUB; USPAT | OR | OFF | 2005/01/21 11:46 |
| S23 | 0 | ((hafnium adj oxynitride) near (gate adj insulat\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:44 |
| S24 | 0 | ((hafnium near oxynitride) near (gate adj insulat\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:45 |
| S25 | 2 | ((hafnium) near (gate adj insulat\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:46 |
| S26 | 3 | ((hafnium or (HfON)) near (gate adj insulat\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:51 |
| S27 | 1 | ((((hafnium adj silicn adj oxynitride) or (HfON)) near (gate adj insulat\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:51 |
| S28 | 5 | ((((hafnium adj silicn adj oxynitride) or (HfON)) same (gate adj insulat\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:52 |
| S29 | 4 | (Hf near (gate adj insula\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:53 |
| S30 | 477 | (Hf same (gate adj insula\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:53 |
| S31 | 0 | ((Hf02N) same (gate adj insula\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:53 |
| S32 | 0 | ((Hf0 adj sub adj S24 adj N) same (gate adj insula\$)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:55 |
| S33 | 0 | (HfON near (tunnel adj oxide)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:55 |
| S34 | 0 | (HfON same (tunnel adj oxide)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:55 |
| S35 | 0 | ((Hafnium adj silicon adj oxynitride) near (tunnel adj oxide)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:55 |
| S36 | 0 | ((Hafnium) near (tunnel adj oxide)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:56 |
| S37 | 0 | ((Hafnium adj silicon adj oxynitride) same (tunnel adj oxide)) | US-PGPUB; USPAT | OR | OFF | 2005/01/21 16:56 |
| S38 | 0 | ((Hafnium adj silicon adj oxynitride) same (tunnel adj oxide)) | US-PGPUB; USPAT; JPO | OR | OFF | 2005/01/21 16:56 |
| S39 | 2 | ((Hafnium) same (tunnel adj oxide)) | US-PGPUB; USPAT; JPO | OR | OFF | 2005/01/21 16:56 |
| S40 | 5 | "6048766" | US-PGPUB; USPAT | OR | OFF | 2005/07/21 13:15 |
| S41 | 509 | ((floating and control) adj gate) and ferroelectric | US-PGPUB; USPAT | OR | OFF | 2005/07/21 13:24 |
| S42 | 149 | S41 and (((floating and control) adj gate) same ferroelectric) | US-PGPUB; USPAT | OR | OFF | 2005/07/21 13:25 |

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| S43 | 98 | S42 and @ad<"20022603" | US-PGPUB; USPAT | OR | OFF | 2005/07/21 14:21 |
| S44 | 1 | ("6370056").PN. | US-PGPUB; USPAT | OR | OFF | 2005/07/21 14:23 |
| S45 | 1 | "6717195" | US-PGPUB; USPAT | OR | OFF | 2005/07/21 14:24 |